PAVEMENT DESIGN STANDARDS

1. TRANSVERSE LIMITS OF PAVING SUBGRADE PREP SHALL EXTEND TO A MIN OF 1 FOOT BEYOND THE BACK OF CURB.

2. FOR TRANSVERSE PAVEMENT STRUCTURE EXTENDING BELOW BOTTOM OF CURB:
   A. AGGREGATE BASE COURSE (ABC), TREATED ABC, TREATED SUBGRADE SOILS, AND ASPHALT CONCRETE (AC) STRUCTURE EXTENDING MORE THAN 1/2 INCH BELOW THE BOTTOM OF A CURB OR CURB & GUTTER SHALL EXTEND TRANSVERSELY UNDER AND BEHIND THE CURB OR CURB & GUTTER TO A MIN OF 1 FOOT BEYOND THE BACK OF CURB.
   B. SEE TABLE FOR LIFT MATERIAL REQUIREMENTS.

3. CITY STANDARD PAVEMENT DESIGNS BASED ON AN R–VALUE ≥ AND MAXIMUM TRAFFIC VOLUMES DEFINED BELOW:

   a. LOCAL RESIDENTIAL STREETS (SEE STD. DWG 2405 A)
   ROADWAY PROVIDES ACCESS TO A MAXIMUM OF 50 RESIDENTIAL LOTS OR HAS A MAXIMUM AWDT OF 500.

LIFT	THICKNESS
AC SURFACE COURSE	1 1/2"
AC BASE COURSE	1 1/2"

   b. MAJOR LOCAL STREETS (SEE STD DWG 2405 B)
   ROADWAY TO HAVE A MAXIMUM AWDT OF 3000.

LIFT	THICKNESS
AC SURFACE COURSE	2"
AC BASE COURSE	2"

   c. ROADS CLASSIFIED ON THE LONG RANG MAJOR STREET PLAN REQUIRE A PAVEMENT DESIGN IN ACCORDANCE WITH SECTION 23 OF THE DEVELOPMENT PROCESS MANUAL

4. THE PAVEMENT STRUCTURE SECTION SHALL BE SELECTED SUCH THAT THE LIFTS OF MATERIAL MODULE TO 1/2 INCH OF THE BOTTOM OF CURB AND COMPLY WITH MATERIAL LIMITS SPECIFIED BELOW. (SEE STD. DWGS 2407 & 2408)

5. ALL PAVEMENT MATERIAL THAT EXTENDS MORE THAN 1/2 INCH BELOW THE BOTTOM OF THE CURB SHALL BE EXTENDED TO 1 FOOT BEYOND THE BACK OF CURB.

MATERIAL LIFT THICKNESS REQUIREMENTS

PAVEMENT CONSTRUCTION MATERIALS				
MATERIAL	COMPACTED LIFTS [1] MINIMUM	COMPACTED LIFTS [1] MAXIMUM	NOTES	CONSTRUCTION TOLERANCES [3]
FILL	4"	8"	SEE SECTION 204	± 1 1/4" (0.10 FT)
SUBGRADE	4"	8"	SEE SECTION 301 FOR SUBGRADE DEPTH REQUIREMENTS	± 1 1/4" (0.10 FT)
AGGREGATE BASE COURSE (ABC)	4"	6"	SEE SECTION 302 FOR ABC CONSTRUCTION REQUIREMENTS	± 1/2" (0.04 FT)
BITUMINOUS TREATED BASE (BTB)	4"	6"	SEE SECTION 305 FOR BTB CONSTRUCTION REQUIREMENTS	± 1/2" (0.04 FT)
CONCRETE TREATED BASE (CTB)	4"	6"	SEE SECTION 307 FOR CTB CONSTRUCTION REQUIREMENTS	± 1/2" (0.04 FT)
ASPHALT CONCRETE (AC)			SEE SECTION 116 FOR AC CONSTRUCTION REQUIREMENTS	
TYPE A, SP–I	3"	4"		± 1/4" (0.02 FT)
TYPE B, SP–II	2"	3"		± 1/4" (0.02 FT)
TYPE C, SP–III	1 1/2"	2 1/2"		± 1/4" (0.02 FT)
TYPE D, SP–IV	1"	2"		± 1/4" (0.02 FT)
TREATED SOILS	4"	8"	SEE SECTION 304, 342 FOR CONSTRUCTION REQUIREMENTS	

[1] THE LIFT THICKNESS/DEPTH(S) FOR A PAVEMENT SECTION SHALL BE IDENTIFIED IN TYPICAL PAVEMENT SECTIONS ON A PROJECTS PLANS AND IN A PROJECT'S SPECIFICATIONS.

[2] AGGREGATE BASE COURSE MAY BE USED IF PROPER DRAINAGE CAN BE PROVIDED.

[3] MEASURED WITH A 10–FOOT STRAIGHT EDGE IN ANY DIRECTION.

REVISIONS	CITY OF ALBUQUERQUE
	PAVING PAVEMENT DESIGN STANDARDS DWG. 2400 JANUARY 2003